

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER Aneth Unit E317X		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT GREATER ANETH		
4. TYPE OF WELL Water Injection Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME ANETH		
6. NAME OF OPERATOR RESOLUTE NATURAL RESOURCES				7. OPERATOR PHONE 303 534-4600		
8. ADDRESS OF OPERATOR 1675 Boradway Ste 1950, Denver, CO, 80202				9. OPERATOR E-MAIL pflynn@resoluteenergy.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) I-149-IND-8635		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Navajo Nation		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1984 FSL 609 FWL	NWSW	17	40.0 S	24.0 E	S
Top of Uppermost Producing Zone	1984 FSL 609 FWL	NWSW	17	40.0 S	24.0 E	S
At Total Depth	1984 FSL 609 FWL	NWSW	17	40.0 S	24.0 E	S

21. COUNTY SAN JUAN		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1984		23. NUMBER OF ACRES IN DRILLING UNIT 1386	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 51		26. PROPOSED DEPTH MD: 5575 TVD: 5575	
27. ELEVATION - GROUND LEVEL 4719		28. BOND NUMBER B001252		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 09-1428; A60998 or 06.0015-06.0020	

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	24	16	4719 - 4629	65.0	C-75 Casing/Tubing	8.3	Possolan-Lime	200	1.18	15.8
Surf	14.75	10.75	0 - 3305	40.5	J-55 ST&C	9.0	Halliburton Light , Type Unknown	392	1.88	12.5
							Halliburton Premium , Type Unknown	112	1.16	15.8
Prod	9.875	7	0 - -547	26.0	J-55 LT&C	10.0	50/50 Poz	541	1.9	12.4
							Type V	71	1.31	13.5
							50/50 Poz	729	1.88	12.5
							Type V	147	1.15	15.8

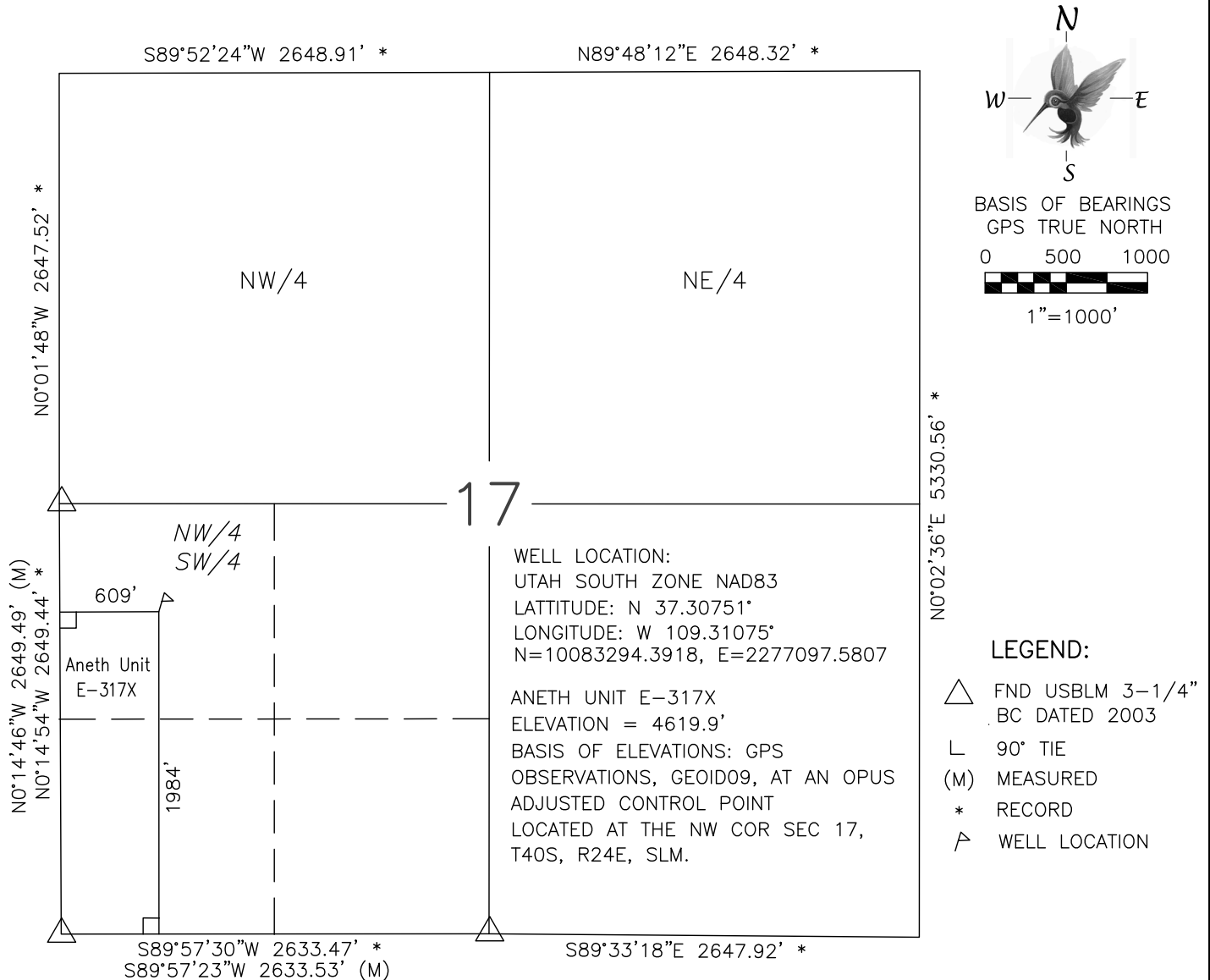
ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Brian Wood	TITLE Consultant	PHONE 505 466-8120
SIGNATURE	DATE 03/05/2013	EMAIL brian@permitswest.com
API NUMBER ASSIGNED 43037500540000	APPROVAL Permit Manager	

Aneth Unit E-317X Well Location



I, Gerald G. Huddleston, do hereby certify that I am a registered Utah land surveyor holding certificate number 161297 as prescribed under the laws of the State of Utah, and I further certify that under authority of the owner I have surveyed the well location as shown hereon and that the same is correct and true to the best of my knowledge and belief.

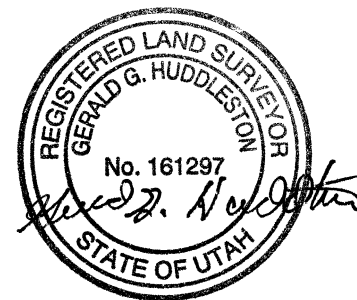


EXHIBIT A

FOOTAGE: 1984' FSL 609' FWL	RESOLUTE NATURAL RESOURCES		
SEC 17, T40S, R24E, SLM, SAN JUAN COUNTY, UT			
	SURVEYED: 01/31/12		
	DRAWN BY: GEL	DATE: 02/01/12	
ELEVATION: 4619.9' at existing ground level (NAVD88)	NOTE: 7/6/12 – CORRECTED WF ELEVATION		
HUMMINGBIRD SURVEYING, LLC --- P.O. Box 416 Montezuma Creek, UT 84534 --- 970-570-5108			